

CLAIMS

1. A diagnostic system, comprising:
 - a sensing device having a retrieval wire, said sensing device configured to collect data;
 - a deployable housing, said housing having a body defining an interior and an exterior, said housing is configured to allow fluid to flow through said housing, wherein said housing completely encloses said sensing device;
 - a disposer for disposing said housing enclosing said sensing device into a body part; and
 - a processing device configured to receive said data from said sensing device.
2. The diagnostic system of Claim 1, wherein said sensing device is selected from the group consisting of pressure sensing devices, thermal sensing devices, conductive sensing devices, capacitive sensing devices, inductive sensing devices, resistive sensing devices, and optical pressure sensing devices.
3. The diagnostic system of Claim 1, wherein said processing device comprises an RF transceiver that is a passive transceiver.
4. The diagnostic system of Claim 1, wherein said retrieval wire is configured to operate as an antenna.

5. The diagnostic system of Claim 1, wherein said housing comprises a material selected from the group consisting of a polymer, polytetrafluoroethylene, non-dissolvable biocompatible materials, polyurethane, polyethylene, latex, titanium, copper, gold, surgical steel, polytetrafluoroethylene-coated metal, natural collagen, plain gut, polyglactin 910, polydioxanone, collagen, polyglyconate, and polyglycolic acid.

6. The diagnostic system of Claim 1, wherein said disposer is a catheter mechanism comprising a sheath and push bar.

7. The diagnostic system of Claim 1, wherein said data is transmitted by radio frequency.

8. The diagnostic system of Claim 1, wherein said sensing device is accessible for retrieval from an exterior of a body.

9. The diagnostic system of Claim 1, further comprising:
a urine sensing device disposed proximate said retrieval wire.

10. The diagnostic system of Claim 1, wherein said processing device is configured to transmit the data.

11. A method for using a sensing device disposed in a body part having an interior, the method comprising:

disposing the sensing device having a retrieval wire into a deployable housing, said housing having a body defining an interior and an exterior, said housing

configured to allow fluid to flow through said housing to the sensing device, wherein said housing completely encloses the sensing device;

compressing said housing enclosing the sensing device into an interior of a first sheath;

disposing a push bar into said interior of said first sheath proximate said housing;

inserting said first sheath into the body part of a body;

operating said push bar to dispose said housing enclosing the sensing device into the interior of the body part;

removing said first sheath from the body part with said retrieval wire exiting the interior of the body part;

collecting data using the sensing device;

transmitting data from the sensing device to a processing device;

locating said retrieval wire of the sensing device;

inserting said retrieval wire of the sensing device through an interior of a second sheath;

disposing said second sheath into the interior of the body part, said second sheath configured to receive said housing enclosing the sensing device;

retracting said housing and the sensing device into said interior of said second sheath using said retrieval wire; and

removing said second sheath from the body part.

12. The method of Claim 11, wherein said sensing device is selected from the group consisting of pressure sensing devices, thermal sensing devices, conductive

sensing devices, capacitive sensing devices, inductive sensing devices, resistive sensing devices, and optical pressure sensing devices.

13. The method of Claim 11, wherein said processing device comprises an RF transceiver that is a passive transceiver.

14. The method of Claim 11, wherein said retrieval wire is configured to operate as an antenna.

15. The method of Claim 11, wherein said housing comprises a material selected from the group consisting of a polymer, polytetrafluoroethylene, non-dissolvable biocompatible materials, polyurethane, polyethylene, latex, titanium, copper, gold, surgical steel, polytetrafluoroethylene-coated metal, natural collagen, plain gut, polyglactin 910, polydioxanone, collagen, polyglyconate, and polyglycolic acid.

16. The method of Claim 11, wherein said disposer is a catheter mechanism comprising a sheath and push bar.

17. The method of Claim 11, wherein said data is transmitted by radio frequency.

18. The method of Claim 11, wherein said sensing device is accessible for retrieval from an exterior of a body.

19. The method of Claim 11, further comprising:
a urine sensing device disposed proximate said retrieval wire.
20. A diagnostic system, comprising:
a sensing device having a retrieval wire, said sensing device configured to collect data;
a deployable housing, said housing having a body defining an interior and an exterior, said housing is configured to allow fluid to flow through said housing, wherein said housing completely encloses said sensing device; and
a disposer for disposing said housing enclosing said sensing device into a body part.
21. The diagnostic system of Claim 19, further comprising:
a processing device configured to receive said data from said sensing device, said processing device configured to transmit said data.